

Comparisons of Job Characteristics

Focus Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)

Associated Occupation: Layout Workers, Metal and Plastic (51-4192)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 82

Focus Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)

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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.1	13.9	0	Current knowledge level may be sufficient
Mathematics	9.2	14.7	7.2	<<	Extensive education and/or training may be required
Design	5.2	12.8	8.3	<<	Extensive education and/or training may be required
Building and Construction	4.0	12.6	5.4	<<	Extensive education and/or training may be required
Production and Processing	6.0	10.2	5.8	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 69

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Quality Control Analysis	5.9	7.5	11.4	>>	Skill level is likely more than sufficient
Equipment Selection	3.3	6.0	7.3	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 91

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Near Vision	11.1	12.5	10.8	<	Some improvement in abilities may be required
Visualization	7.5	11.5	12.0	0	Current ability level may be sufficient
Arm-Hand Steadiness	6.8	10.4	9.6	0	Current ability level may be sufficient
Information Ordering	9.9	10.2	11.5	>	Current ability level is likely sufficient
Problem Sensitivity	11.1	10.1	11.6	>	Current ability level is likely sufficient
Oral Comprehension	12.5	9.7	10.0	0	Current ability level may be sufficient
Oral Expression	12.4	9.5	8.7	0	Current ability level may be sufficient
Manual Dexterity	6.5	9.4	10.8	>	Current ability level is likely sufficient
Auditory Attention	5.9	8.2	9.1	>	Current ability level is likely sufficient
Extent Flexibility	4.8	7.9	9.8	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)
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Work Activities	Exclusivity of Activity
Examine products or work to verify conformance to specifications	15
Fabricate, assemble, or disassemble manufactured products by hand	11
Lay out machining, welding or precision assembly projects	63
Make independent judgment in assembly procedures	64
Read blueprints	10
Read technical drawings	7
Understand technical operating, service or repair manuals	6
Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

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Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.